OIPE<br/>MAY 17 2004 WPATENT<br/>3531-0103PNAY 17 2004 WIN THE U.S. PATENT AND TRADEMARK OFFICEApplicant:Paul BERGERAppl. No.:09/934,334Filed:August 21, 2001Examiner:Donghee KANG

For: SI-BASED RESONANT INTERBAND TUNNELING DIODES AND METHOD OF MAKING INTERBAND TUNNELING DIODES

## LARGE ENTITY TRANSMITTAL FORM

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 May 12, 2004

Sir:

Transmitted herewith is an amendment in the above-identified application.

The enclosed document is being transmitted via the Certificate of Mailing provisions of 37 C.F.R. § 1.8.

The enclosed document is being transmitted via facsimile.

The fee has been calculated as shown below:

	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR		PRESENT EXTRA	RATE	ADDITIONAL FEE
TOTAL	62	-	80	=	0	\$ 18	\$0.00
INDEPENDENT	6	-	6	=	0	\$ 86	\$0.00
FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM					\$290	\$0.00	
						TOTAL	\$0.00

- Petition for () month(s) extension of time pursuant to 37 C.F.R. §§ 1.17 and 1.136(a). \$0.00 for the extension of time.
- No fee is required.

Check(s) in the amount of \$0.00 is(are) enclosed.

Please charge Deposit Account No. 02-2448 in the amount of \$0.00. This form is submitted in triplicate.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

Respectfully submitted BIRCH, STEWART, BIRCH, LLP CD By Mutter, #29,680 Michael K. P.O. Box 747

Falls Church, VA 22040-0747

(703) 205-8000

MKM/CAG:tm 3531-0103P

Attachment



PATENT 3531-0103P

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant:	Paul BERGER	Conf.:	8252	
Appl. No.:	09/934,334	Group:	2811	
Filed:	August 21, 2001	Examiner:	Donghee KANG	
For:	SI-BASED RESONANT INTERBAND	TUNNELING	DIODES	

AND METHOD OF MAKING INTERBAND TUNNELING DIODES

AMENDMENT UNDER 37 C.F.R. §1.111

Commissioner for Patents May 17, 2004 P.O. Box 1450 Alexandria, VA 22313-1450

SIR:

In response to the Examiner's Office Action dated February 19, 2004, the following amendments and remarks are respectfully submitted in connection with the above-identified application.

This Paper includes:

AMENDMENTS TO THE CLAIMS

REMARKS

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